

## CLAIMS

What is claimed is:

1. An anti-pinch and electrical motor protection device comprising:  
at least one PTC circuit protector;  
5 a diode;  
an electrical current.
2. The anti-pinch and electrical motor protection device as in claim 1,  
wherein there are two PTC circuit protectors comprising one PTC circuit protector tuned  
to a low temperature and one PTC circuit protector tuned to a high temperature.
- 10 3. The anti-pinch and electrical motor protection device as in claim 2,  
wherein said PTC circuit protector tuned to a low temperature and said PTC tuned to a  
high temperature can be tuned to any appropriate temperatures as long as there is a  
temperature difference between the two.
4. The anti-pinch and electrical motor protection device as in claim 2,  
15 wherein said PTC circuit protector tuned to a low temperature is tripped when the  
temperature of said electrical current is raised above its capabilities; said electrical  
current is bypassed through said diode until said PTC circuit protector tuned to a high  
temperature is tripped.
5. The anti-pinch and electrical motor protection device as in claim 1,  
20 wherein said anti-pinch and electrical motor protection device can be used with any DC  
type motor.